



NVIDIA GeForce RTX 4070 Ti SUPER 16GB vs NVIDIA L40 48GB

Side by side datacenter GPU specifications from the Flopper.io database.

OVERVIEW

	NVIDIA GeForce RTX 4070 Ti SUPER 16GB	NVIDIA L40 48GB
FP32 TFLOPS	44.1	90.5
VRAM	16 GB	48 GB
Memory Bandwidth	—	864 GB/s
TDP	285 W	300 W

PERFORMANCE BY PRECISION

Precision	NVIDIA GeForce RTX 4070 Ti SUPER 16GB peak TFLOPS (dense)	NVIDIA L40 48GB peak TFLOPS (dense)
FP64	0.7	—
FP32	44.1	90.5
TF32	44.1	90.5
BF16	88.2	181.1
FP16	88.2	181.1
FP8	176.4	362.0
FP6	—	—
FP4	—	—
INT8	352.8	362.0
INT4	—	724.0

SPECIFICATIONS

	NVIDIA GeForce RTX 4070 Ti SUPER 16GB	NVIDIA L40 48GB
Architecture	Ada Lovelace	Ada Lovelace
Process Node	4nm	4nm
Launch Year	2024	2023
Form Factor	PCIe	PCIe
Memory Type	GDDR6X	GDDR6
Interface Width	256-bit	—

	NVIDIA GeForce RTX 4070 Ti SUPER 16GB	NVIDIA L40 48GB
Interconnect	—	—
TDP	285 W	300 W
FP32 Efficiency	0.15 TFLOPS/W	0.30 TFLOPS/W